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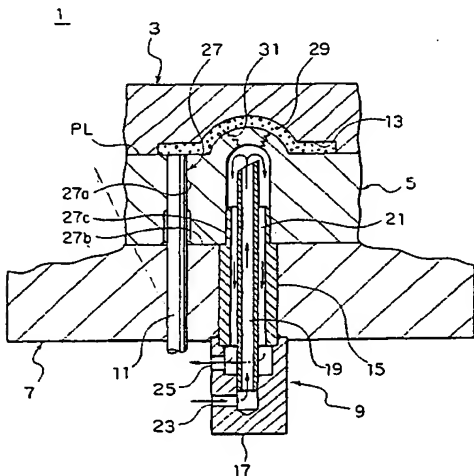
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(81) 指定国 (国内): CN, KR, US.

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(54) Title: DIE CAST MOLD

(54) 発明の名称: ダイカスト用金型



(57) Abstract: A die cast mode capable of preventing generation of blow holes in castings. A die cast mold (1) comprises a pair of mold main bodies (3, 5) adapted to define a cavity when put together, a cooling means (9) for cooling the mold by the feeding and draining of fluid while keeping it in a state of negative pressure, and a degassing means (27) that establishes communication between the cavity (13) and the cooling means to discharge the gas in the cavity into the cooling means.

(57) 要約:

鋳物に巣が発生することを防止することができるダイカスト用金型を提供することを課題とする。

ダイカスト用金型 1 は、合せられた際にキャビティが形成される一対の型本体 3, 5 と、流体を負圧状態に保ちながら給排することで金型を冷却する冷却手段 9 と、キャビティ 13 と冷却手段との間を連通しキャビティ内の気体を冷却手段へ排出する気体抜き手段 27 とを備える。



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP02/06742

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ B22C9/06, B22D17/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl⁷ B22C9/06, B22D17/22

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Toroku Jitsuyo Shinan Koho	1994-2002
Kokai Jitsuyo Shinan Koho	1971-2002	Jitsuyo Shinan Toroku Koho	1996-2002

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 8-66754 A (Kiryu Kikai Kabushiki Kaisha), 12 March, 1996 (12.03.96), Page 3, right column, line 38 to page 4, left column, line 13; Fig. 1 (Family: none)	1, 2
A	JP 8-243713 A (Hoko Kogyo Kabushiki Kaisha, Toyota Motor Corp.), 24 September, 1996 (24.09.96), Full text; Fig. 2 (Family: none)	1-3
A	EP 0555976 A1 (Ryobi Ltd.), 18 August, 1993 (18.08.93), Full text; Fig. 1 & JP 5-220562 A	1-3

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:
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 "&" document member of the same patent family

Date of the actual completion of the international search
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